

**Listing of Claims:**

Claims 1-17 (previously canceled)

18. (currently amended) An illumination arrangement, comprising:

an optical waveguide;

at least one light source for emitting light into the optical waveguide, the at least one light source coupled to the optical waveguide; and

a housing defining formed as a shell from a plurality of interconnected shell elements which define a cavity for accommodating enclosing therein (i) the optical waveguide at least in regions in which the light is to be deflected and (ii) at least one light source therein, the housing further defining contiguous , said shell having upper, lower and side walls ,the upper and lower walls having ;

wherein at least one of said shell walls has a reflective internal surfaces surface for deflecting light from said at least one light source, and the upper wall defining one of said shell walls defines a window from which light emitted by the optical waveguide escapes the housing.

19. (previously presented) The arrangement according to claim 18, wherein said housing defines a bridge over a second cavity.

20. (previously presented) The arrangement according to claim 18, wherein said housing is mounted on a printed circuit board, and further comprising means for facilitating electrical communication between an external power source and said at least one light source via said printed circuit board.

21. (previously presented) The arrangement according to claim 19, wherein said housing is mounted on a printed circuit board and the second cavity is between said housing and said board, and further comprising means for facilitating electrical communication between an external power source and said at least one light source via said printed circuit board.

22. (previously presented) The arrangement according to claim 21, further comprising components mounted on said printed circuit board within said second cavity.

23. (currently amended) The arrangement according to claim 18, wherein a surface of said side walls facing said cavity is reflective.

24. (previously presented) The arrangement according to claim 18, wherein said housing comprises a plurality of mating parts.

25. (previously presented) The arrangement according to claim 24, wherein said plurality of mating parts snap fit to each other.

26. (previously presented) The arrangement according to claim 24, wherein said plurality of mating parts cooperate to form an opaque overhang where said parts join.

27. (previously presented) The arrangement according to claim 24, wherein said parts are approximately inversely symmetrical.

28. (currently amended) The arrangement according to claim 24, wherein said parts are injection molding modeled.

29. (previously presented) The arrangement according to claim 18, wherein said lower wall is convex.

30. (previously presented) The arrangement according to claim 18, wherein said upper wall is angled.

31. (previously presented) The arrangement according to claim 18, wherein said housing further comprises means for accommodating a plurality of light emitting sources such that emission from said sources are caused to emit in different directions.

32. (currently amended) The arrangement according to claim 31, wherein said waveguide emits a combination of emission emissions from said plurality of light emitting sources.

33. (previously presented) The arrangement according to claim 18, wherein said at least one light source comprises a light emitting diode.

34. (previously presented) The arrangement according to claim 18, wherein said at least one light source comprises a laser diode.

35. (currently amended) A method for producing a light emitting component, comprising the steps of:

forming a housing as a shell from a plurality of shell elements and defining a cavity, said shell having bottom, side and top walls, at least one of said shell walls having a reflective internal surfaces defining a cavity surface, and said top wall defining a window;

mounting an optical waveguide within said cavity;

mounting at least one light emitting source within said cavity such that said at least one light emitting source is coupled to said optical waveguide such that light emitting emitted from said source is reflected by said internal surfaces and transmitted by said optical waveguide out said window.

36. (previously presented) The method according to claim 35, further comprising the step of:

mounting said housing on a printed circuit board such that said lower wall and said printed circuit board cooperate to define a second cavity; and

mounting components within said second cavity on said board.

37. (currently amended) The method according to claim 35, wherein said lower wall is convex and said housing comprises plurality of shell elements comprise a plurality of snap fitted components which mate to form said housing.